

ABSTRACT OF THE DISCLOSURE

A digital, wireless PC/PCS modem is disclosed for incorporation with personal home computers, laptop units, hand-held computer units, and cellular phones for providing wireless communication via satellite transmission. The invention is a device that combines a personal computer (PC) modem with a satellite link and relay system for computers. This will allow the user to establish a communications link with Internet(TM) access, access to direct dial telephones, faxing on demand, hyperterminal access for remote computer link-up, video, and voice applications. Utilizing existing software and hardware, this invention uses digital satellite technology and combines it with a PC modem for access to various communication links including phone links, without a phone line. In order to accomplish this, the laptop has a type II PCMCIA card slot for receiving the PC modem. An antenna is attached to the plug-in cellular phone card for the modem using a swivel joint assembly.